

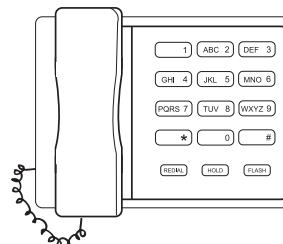
LEARNING GOALS

Number and Operations: three or more addends

Telephone Fun

Materials

telephones, posted vocabulary words (from any content area), calculators, record sheet (page 26)



Set Up

Display vocabulary or spelling words in some part of the classroom.

Center Guidelines

This is a great way for children to review vocabulary words or spelling words. Demonstrate to students that each letter of the alphabet is on a number pad of a phone. Using a word posted in your classroom, demonstrate how the word's "value" can be calculated. For example, the word "tree" would have the value of 21 by using the number sentence shown at right. Provide calculators for those students who are not ready for multiple addend addition or as a self-check feature.

Predetermine the number of words you expect your children to total.

$$8 + 7 + 3 + 3 = 21$$

t r e e

Activities

Using posted vocabulary and/or spelling words, children find a predetermined number of words and calculate the words' values.

Extensions

Algebra Have students also write the number sentence that proves the value of the word. Have them determine the word with the greatest and least value.

Geometry Use geometry-specific vocabulary. Have children use a 5 x 8 index card. On one side write the word with its corresponding value. On the other they draw a pictorial representation of that word.

Measurement Once the value is determined, have students show that number in inches or centimeters on a yardstick or meter stick.

Data Analysis and Probability Have students graph the values of the vocabulary words used.

Language Arts Have children use each word in a sentence.



Name _____ Date _____

Telephone Fun

My telephone number is ____-____-____.

When I add up all the digits the total is _____.

Here are vocabulary words I know. I can add the value of their letters by looking on a telephone.

When I add up the value of the letters the total is _____.

When I add up the value of the letters the total is _____.